



Release Notes

FortiAnalyzer 7.4.1



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FortiAnalyzer 7.4.1 Release Notes

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Change Log

Date	Change Description
2023-08-31	Initial release.

FortiAnalyzer 7.4.1 Release

This document provides information about FortiAnalyzer version 7.4.1 build 2308.



The recommended minimum screen resolution for the FortiAnalyzer GUI is 1920 x 1080. Please adjust the screen resolution accordingly. Otherwise, the GUI may not display properly.

This section includes the following topics:

- [Supported models on page 7](#)
- [FortiAnalyzer VM subscription license on page 7](#)
- [Management extension applications on page 8](#)

Supported models

FortiAnalyzer version 7.4.1 supports the following models:

FortiAnalyzer	FAZ-150G, FAZ-300F, FAZ-300G, FAZ-400E, FAZ-800F, FAZ-800G, FAZ-1000F, FAZ-2000E, FAZ-3000F, FAZ-3000G, FAZ-3500E, FAZ-3500F, FAZ-3500G, FAZ-3700F, and FAZ-3700G.
FortiAnalyzer VM	FAZ_DOCKER, FAZ_VM64, FAZ_VM64_ALI, FAZ_VM64_AWS, FAZ_VM64_AWSOnDemand, FAZ_VM64_Azure, FAZ_VM64_GCP, FAZ_VM64_IBM, FAZ_VM64_HV (including Hyper-V 2016, 2019), FAZ_VM64_KVM, FAZ_VM64_OPC, FAZ_VM64_XEN (for both Citrix and Open Source Xen),



FAZ-300F supports the subscription license for the SOC service. However performance may be impacted because FAZ-300F has fewer resources and a smaller CPU than other FortiAnalyzer models that support the SOC service.

FortiAnalyzer VM subscription license

The FortiAnalyzer VM subscription license supports FortiAnalyzer version 6.4.1 and later. For information about supported firmware, see [FortiAnalyzer VM firmware on page 14](#).

See also [Appendix A - Default and maximum number of ADOMs supported on page 49](#).



You can use the FortiAnalyzer VM subscription license with new FAZ-VM installations. For existing FAZ-VM installations, you can migrate to a FortiAnalyzer VM subscription license, starting with FortiAnalyzer 7.0.1. See the [FortiAnalyzer 7.0.1 VM License Migration Guide](#).

Management extension applications

The following section describes supported models and minimum system requirements for management extension applications (MEA) in FortiAnalyzer 7.4.1.



FortiAnalyzer uses port TCP/443 or TCP/4443 to connect to the Fortinet registry and download MEAs. Ensure that the port is also open on any upstream FortiGates. For more information about incoming and outgoing ports, see the [FortiAnalyzer 7.0 Ports Guide](#).

As of FortiAnalyzer 7.4.0, the *Management Extensions* pane is only visible in the GUI when docker status is enabled and at least one MEA is enabled and downloaded. For more information about enabling and using the MEAs, see the Management Extensions documentation in the [FortiAnalyzer Documents Library](#).

Supported models for MEA

You can use any of the following FortiAnalyzer models as a host for management extension applications:

FortiAnalyzer	FAZ-3000F, FAZ-3000G, FAZ-3500E, FAZ-3500F, FAZ-3500G, FAZ-3700F, and FAZ-3700G.
FortiAnalyzer VM	FAZ_DOCKER, FAZ_VM64, FAZ_VM64_ALI, FAZ_VM64_AWS, FAZ_VM64_AWSOnDemand, FAZ_VM64_Azure, FAZ_VM64_GCP, FAZ_VM64_IBM, FAZ_VM64_HV (including Hyper-V 2016, 2019), FAZ_VM64_KVM, FAZ_VM64_OPC, FAZ_VM64_XEN (for both Citrix and Open Source Xen),

Minimum system requirements

By default FortiAnalyzer VMs use the following system resource settings:

- 4 vCPU
- 16 GB RAM
- 500 GB disk space

Starting with FortiAnalyzer 7.0.0, RAM and CPU is capped at 50% for MEAs. (Use the `config system docker` command to view the setting.) If FortiAnalyzer has 8 CPUs and 16 GB RAM, then only 4 CPUs and 8 GB RAM are available to MEAs by default, and the 4 CPUs and 8 GB RAM are used for all enabled MEAs.

Some MEAs have minimum system requirements that require you to increase system resources. The following table identifies the minimum requirements for each MEA as well as the recommended system resources to function well in a production environment.

MEA minimum system requirements apply only to the individual MEA and do not take into consideration any system requirements for resource-sensitive FortiAnalyzer features or multiple, enabled MEAs.

Management Extension Application	Minimum system requirements	Recommended system resources for production*
FortiSIEM	<ul style="list-style-type: none">• 4 vCPU• 4 GB RAM• No change for disk storage	<ul style="list-style-type: none">• 12 vCPU• 16 GB RAM• 500 GB
FortiSOAR	<ul style="list-style-type: none">• 4 vCPU• 8 GB RAM• 500 GB disk storage	<ul style="list-style-type: none">• 16 vCPU• 64 GB RAM• No change for disk storage

*The numbers in the *Recommended system resources for production* column are a combination of the default system resource settings for FortiAnalyzer plus the recommended system requirements for the MEA.

Special Notices

This section highlights some of the operational changes that administrators should be aware of in FortiAnalyzer version 7.4.1.

PostgreSQL database upgrade

FortiAnalyzer 7.4.1 includes an upgrade of the PostgreSQL database. Upon upgrading to FortiAnalyzer 7.4.1, by default analytical features, such as *Log View*, *FortiView*, *Reports*, and *Event Management* are unavailable until the PostgreSQL database finishes upgrading. During this time, FortiAnalyzer will continue to receive new logs, but they will not be inserted into the PostgreSQL database. PostgreSQL database upgrade times depend on the number of ADOM configured and the analytical log volume. Some sample upgrade times are shown below.

Model	Number of ADOMs	Analytical Data Size	DB Upgrade Time
FAZ-3700F	1200	5TB	one hour
FAZ-3500G	100	1TB	15 minutes
FAZ-3000F	1	12TB	10 minutes

For customers who prefer to not wait for accessing the analytical features, such as *Log View*, *FortiView*, *Reports*, and *Event Management*, for new logs, they can execute a SQL. This command can take a long time to complete depending on the amount of data.

```
FAZVM64 # exec sql-local rebuild-db
Rebuild the entire log SQL database has been requested.
This operation will remove the log SQL database and rebuild from log data.
This operation will reboot the device.
Do you want to continue? (y/n)
```

Serial console has changed for FortiAnalyzer deployments on Xen

In FortiAnalyzer 7.4.1, the serial console for Xen deployments has changed from hvc0 (Xen specific) to ttyS0 (standard).

OpenXen in PV mode is not supported in FortiAnalyzer 7.4.1

As of FortiAnalyzer 7.4.1, kernel and rootfs are encrypted. OpenXen in PV mode tries to unzip the kernel and rootfs, but it will fail. Therefore, OpenXen in PV mode cannot be used when deploying or upgrading to FortiAnalyzer 7.4.1. Only HVM (hardware virtual machine) mode is supported for OpenXen in FortiAnalyzer 7.4.1.

Default GUI theme changed

As of FortiAnalyzer 7.4.1, the default GUI theme is *Jade*. The default theme can be changed from *System Settings > Settings*.

Management Extensions visibility in the GUI

As of FortiAnalyzer 7.4.0, the *Management Extensions* pane is only visible in the GUI when docker status is enabled and at least one management extension application (MEA) is enabled and downloaded. For more information about enabling and using the MEAs, see the Management Extensions documentation in the [FortiAnalyzer Documents Library](#).

FortiManager Features removed

FortiAnalyzer 7.2.1 and later no longer supports FortiManager Features. If you have FortiManager Features enabled before upgrading to FortiAnalyzer 7.2.1, FortiManager Features will be permanently disabled after upgrading to FortiAnalyzer 7.2.1.

Setup wizard requires FortiCare registration

Starting in FortiAnalyzer 7.2.1, the FortiAnalyzer Setup wizard requires you to complete the *Register with FortiCare* step before you can access the FortiAnalyzer appliance or VM. Previously the step was optional.

For FortiAnalyzer units operating in a closed environment, contact customer service to receive an entitlement file, and then load the entitlement file to FortiAnalyzer by using the CLI.

When FortiManager is managing FortiAnalyzer in a closed environment, FortiManager contains the FortiAnalyzer contract information, and you can point FortiAnalyzer to FortiManager.

Hyperscale firewall mode

FortiAnalyzer does not support logs from the following models when they have hyperscale firewall mode and netflow enabled:

- FortiGate-1800F
- FortiGate-1801F
- FortiGate-2600F
- FortiGate-2601F
- FortiGate-4200F
- FortiGate-4201F

- FortiGate-4400F
- FortiGate-4401F

FortiAnalyzer only supports logs when the normal firewall mode with standard FortiGate logging are enabled.

Modifying the interface status with the CLI

Starting in version 7.0.1, the CLI to modify the interface status has been changed from `up/down` to `enable/disable`.

For example:

```
config system interface
  edit port2
    set status <enable/disable>
  next
end
```

Citrix XenServer default limits and upgrade

Citrix XenServer limits ramdisk to 128M by default. However the FAZ-VM64-XEN image is larger than 128M. Before updating to FortiAnalyzer 6.4, increase the size of the ramdisk setting on Citrix XenServer.

To increase the size of the ramdisk setting:

1. On Citrix XenServer, run the following command:
`xenstore-write /mh/limits/pv-ramdisk-max-size 536,870,912`
2. Confirm the setting is in effect by running `xenstore-ls`.

`limits = ""`
`pv-kernel-max-size = "33554432"`
`pv-ramdisk-max-size = "536,870,912"`
`boot-time = ""`

3. Remove the pending files left in `/run/xen/pygrub`.



The ramdisk setting returns to the default value after rebooting.

FortiAnalyzer VM upgrade requires more memory

When upgrading FortiAnalyzer VM units from a previous version to FortiAnalyzer 7.2.2 or higher, the upgrade may fail because of memory allocation. As of FortiAnalyzer 7.2.2, FortiAnalyzer VM requires 16 GB of RAM and 4 CPU.

Workaround: Before upgrading FortiAnalyzer VM to FortiAnalyzer 7.2.2, change the memory allocation to 16 GB of RAM.

Maximum ADOM limits for FortiAnalyzer

FortiAnalyzer hardware devices and VMs display a warning when the maximum number of ADOMs is reached or exceeded. The platform does not enforce the limit; however, adding more ADOMs may affect the performance of the unit. For more details, see [Appendix A - Default and maximum number of ADOMs supported on page 49](#).

Port 8443 reserved

Port 8443 is reserved for https-logging from FortiClient EMS for Chromebooks. See also [FortiAnalyzer 7.0 Ports Reference](#) on the Docs Library.

Hyper-V FortiAnalyzer-VM running on an AMD CPU

A Hyper-V FAZ-VM running on a PC with an AMD CPU may experience a kernel panic. Fortinet recommends running VMs on an Intel-based PC.

SSLv3 on FortiAnalyzer-VM64-AWS

Due to known vulnerabilities in the SSLv3 protocol, FortiAnalyzer-VM64-AWS only enables TLSv1 by default. All other models enable both TLSv1 and SSLv3. If you wish to disable SSLv3 support, please run:

```
config system global
    set ssl-protocol tlsv1
end
```

Upgrade Information



Prior to upgrading your FortiAnalyzer, please review the FortiAnalyzer Upgrade Guide in detail as it includes all of the necessary steps and associated details required to upgrade your FortiAnalyzer device or VM.

See the *FortiAnalyzer Upgrade Guide* in the [Fortinet Document Library](#).

You can upgrade FortiAnalyzer 7.2.0 or later directly to 7.4.1.

This section contains the following topics:

- [Downgrading to previous firmware versions on page 14](#)
- [Firmware image checksums on page 14](#)
- [FortiAnalyzer VM firmware on page 14](#)
- [SNMP MIB files on page 16](#)

Downgrading to previous firmware versions

FortiAnalyzer does not provide a full downgrade path. You can downgrade to a previous firmware release by using the GUI or CLI, but doing so results in configuration loss. A system reset is required after the firmware downgrade process has completed. To reset the system, use the following CLI commands via a console port connection:

```
execute reset {all-settings | all-except-ip}  
execute format {disk | disk-ext4 | disk-ext3}
```

Firmware image checksums

The MD5 checksums for all Fortinet software and firmware releases are available at the Customer Service & Support portal, <https://support.fortinet.com>. After logging in, go to *Download > Firmware Image Checksums*, enter the image file name including the extension, and select *Get Checksum Code*.

FortiAnalyzer VM firmware

Fortinet provides FortiAnalyzer VM firmware images for Amazon AWS, Amazon AWSOnDemand, Citrix and Open Source XenServer, Linux KVM, Microsoft Hyper-V Server, and VMware ESX/ESXi virtualization environments.

Amazon Web Services

- The 64-bit Amazon Machine Image (AMI) is available on the AWS marketplace.

Citrix XenServer and Open Source XenServer

- `.out`: Download the 64-bit firmware image to upgrade your existing FortiAnalyzer VM installation.
- `.out.OpenXen.zip`: Download the 64-bit package for a new FortiAnalyzer VM installation. This package contains the QCOW2 file for the Open Source Xen Server.
- `.out.CitrixXen.zip`: Download the 64-bit package for a new FortiAnalyzer VM installation. This package contains the Citrix XenServer Virtual Appliance (XVA), Virtual Hard Disk (VHD), and OVF files.

Google Cloud Platform

- `.out`: Download the 64-bit firmware image to upgrade your existing FortiAnalyzer VM installation.
- `.out.gcp.zip`: Download the 64-bit package for a new FortiAnalyzer VM installation.

Linux KVM

- `.out`: Download the 64-bit firmware image to upgrade your existing FortiAnalyzer VM installation.
- `.out.kvm.zip`: Download the 64-bit package for a new FortiAnalyzer VM installation. This package contains QCOW2 that can be used by qemu.

Microsoft Azure

The files for Microsoft Azure have AZURE in the filenames, for example `<product>_VM64_AZURE-v<number>-build<number>-FORTINET.out.hyperv.zip`.

- `.out`: Download the firmware image to upgrade your existing FortiAnalyzer VM installation.

Microsoft Hyper-V Server

The files for Microsoft Hyper-V Server have HV in the filenames, for example, `<product>_VM64_HV-v<number>-build<number>-FORTINET.out.hyperv.zip`.

- `.out`: Download the firmware image to upgrade your existing FortiAnalyzer VM installation.
- `.hyperv.zip`: Download the package for a new FortiAnalyzer VM installation. This package contains a Virtual Hard Disk (VHD) file for Microsoft Hyper-V Server.



Microsoft Hyper-V 2016 is supported.

Oracle Private Cloud

- `.out`: Download the 64-bit firmware image to upgrade your existing FortiAnalyzer VM installation.
- `.out.opc.zip`: Download the 64-bit package for a new FortiAnalyzer VM installation.

VMware ESX/ESXi

- `.out`: Download the 64-bit firmware image to upgrade your existing VM installation.
- `.ovf.zip`: Download either the 64-bit package for a new VM installation. This package contains an Open Virtualization Format (OVF) file for VMware and two Virtual Machine Disk Format (VMDK) files used by the OVF file during deployment.



For more information, see the [FortiAnalyzer Data Sheet](#) available on the Fortinet web site. VM installation guides are available in the [Fortinet Document Library](#).

SNMP MIB files

You can download the *FORTINET-FORTIMANAGER-FORTIANALYZER.mib* MIB file in the firmware image file folder. The Fortinet Core MIB file is located in the main FortiAnalyzer version 5.00 file folder.

Product Integration and Support

This section lists FortiAnalyzer 7.4.1 support of other Fortinet products. It also identifies what FortiAnalyzer features are supported for managed platforms and what languages FortiAnalyzer supports. It also lists which Fortinet models can be managed by FortiAnalyzer.

The section contains the following topics:

- [Supported software on page 17](#)
- [Feature support on page 23](#)
- [Language support on page 23](#)
- [Supported models on page 24](#)

Supported software

FortiAnalyzer 7.4.1 supports the following software:

- [Web browsers on page 18](#)
- [FortiOS and FortiOS Carrier on page 18](#)
- [FortiADC on page 18](#)
- [FortiNDR and FortiAI on page 19](#)
- [FortiAnalyzer on page 19](#)
- [FortiAuthenticator on page 19](#)
- [FortiCache on page 19](#)
- [FortiCASB on page 19](#)
- [FortiClient on page 19](#)
- [FortiDDoS on page 20](#)
- [FortiDeceptor on page 20](#)
- [FortiFirewall and FortiFirewallCarrier on page 20](#)
- [FortiIsolator on page 20](#)
- [FortiMail on page 20](#)
- [FortiManager on page 21](#)
- [FortiNAC on page 21](#)
- [FortiPAM on page 21](#)
- [FortiProxy on page 21](#)
- [FortiSandbox on page 21](#)
- [FortiSOAR on page 21](#)
- [FortiSwitch ATCA on page 22](#)
- [FortiToken on page 22](#)
- [FortiWeb on page 22](#)
- [Virtualization on page 22](#)



To confirm that a device model or firmware version is supported by the current firmware version running on FortiAnalyzer, run the following CLI command:

```
diagnose dvm supported-platforms list
```



Always review the Release Notes of the supported platform firmware version before upgrading your device.

Web browsers

FortiAnalyzer 7.4.1 supports the following web browsers:

- Microsoft Edge 114
- Mozilla Firefox version 96
- Google Chrome version 114

Other web browsers may function correctly, but are not supported by Fortinet.

FortiOS and FortiOS Carrier



The *FortiAnalyzer Release Notes* communicate support for FortiOS versions that are available at the time of the FortiAnalyzer 7.4.1 release. For additional information about other supported FortiOS versions, please refer to the FortiAnalyzer compatibility chart in the [Fortinet Document Library](#).
See [FortiAnalyzer compatibility with FortiOS](#).

FortiAnalyzer 7.4.1 supports the following versions of FortiOS and FortiOS Carrier:

- 7.4.0 to 7.4.1
- 7.2.0 to 7.2.5
- 7.0.0 to 7.0.12
- 6.4.0 to 6.4.14
- 6.2.0 to 6.2.15
- 6.0.0 to 6.0.17

FortiADC

FortiAnalyzer 7.4.1 supports the following versions of FortiADC:

- 7.4.0 and later
- 7.2.0 and later
- 7.1.0 and later

FortiNDR and FortiAI

FortiAnalyzer 7.4.1 supports the following versions of FortiNDR (formerly FortiAI):

- 7.2.0 and later
- 7.1.0 and later
- 7.0.0 and later

FortiAnalyzer

FortiAnalyzer 7.4.1 supports the following versions of FortiAnalyzer:

- 7.4.0
- 7.2.0 and later
- 7.0.0 and later

FortiAuthenticator

FortiAnalyzer 7.4.1 supports the following versions of FortiAuthenticator:

- 6.5.0 and later
- 6.4.0 and later
- 6.3.0 and later

FortiCache

FortiAnalyzer 7.4.1 supports the following versions of FortiCache:

- 4.2.0 and later
- 4.1.0 and later
- 4.0.0 and later

FortiCASB

FortiAnalyzer 7.4.1 supports the following versions of FortiCASB:

- 23.2.0 and later

FortiClient

FortiAnalyzer 7.4.1 supports the following versions of FortiClient:

- 7.2.0 and later
- 7.0.0 and later
- 6.4.0 and later

When using FortiClient with FortiAnalyzer, it is recommended to upgrade both to their latest versions. The versions between the two products should match. For example, if using FortiAnalyzer 7.2.0, use FortiClient 7.2.0.

FortiDDoS

FortiAnalyzer 7.4.1 supports the following versions of FortiDDoS:

- 6.5.0 and later
- 6.4.0 and later
- 6.3.0 and later

Limited support. For more information, see [Feature support on page 23](#).

FortiDeceptor

FortiAnalyzer 7.4.1 supports the following versions of FortiDeceptor:

- 5.1.0 and later
- 5.0.0 and later
- 4.3.0 and later

FortiFirewall and FortiFirewallCarrier

FortiAnalyzer 7.4.1 supports the following versions of FortiFirewall and FortiFirewallCarrier:

- 7.4.0 and later
- 7.2.0 and later
- 7.0.0 and later
- 6.4.0 and later
- 6.2.0 and later
- 6.0.0 and later

Fortisolator

FortiAnalyzer 7.4.1 supports the following versions of Fortisolator:

- 2.4.0 and later

FortiMail

FortiAnalyzer 7.4.1 supports the following versions of FortiMail:

- 7.4.0 and later
- 7.2.0 and later
- 7.0.0 and later

FortiManager

FortiAnalyzer 7.4.1 supports the following versions of FortiManager:

- 7.4.0
- 7.2.0 and later
- 7.0.0 and later

FortiNAC

FortiAnalyzer 7.4.1 supports the following versions of FortiNAC:

- 9.4.0 and later
- 9.2.0 and later
- 9.1.0 and later

FortiPAM

FortiAnalyzer 7.4.1 supports the following versions of FortiPAM:

- 1.1.0 and later
- 1.0.0 and later

FortiProxy

FortiAnalyzer 7.4.1 supports the following versions of FortiProxy:

- 7.4.0
- 7.2.0 to 7.2.5
- 7.0.0 to 7.0.11
- 2.0.0 to 2.0.5
- 1.2.0 to 1.2.13
- 1.1.0 to 1.1.6
- 1.0.0 to 1.0.7

FortiSandbox

FortiAnalyzer 7.4.1 supports the following versions of FortiSandbox:

- 4.2.0 and later
- 4.0.0 and later
- 3.2.0 and later

FortiSOAR

FortiAnalyzer 7.4.1 supports the following versions of FortiSOAR:

- 7.4.0 and later
- 7.3.0 and later
- 7.2.0 and later

FortiSwitch ATCA

FortiAnalyzer 7.4.1 supports the following versions of FortiSwitch ATCA:

- 5.2.0 and later
- 5.0.0 and later
- 4.3.0 and later

FortiToken

FortiAnalyzer 7.4.1 supports the following versions of FortiToken:

- 3.0.0 and later

FortiAnalyzer supports logs from FortiToken Cloud.

FortiWeb

FortiAnalyzer 7.4.1 supports the following versions of FortiWeb:

- 7.2.0 and later
- 7.0.0 and later
- 6.4.0 and later
- 6.3.0 and later

Virtualization

FortiAnalyzer 7.4.1 supports the following virtualization software:

- Amazon Web Service AMI, Amazon EC2, Amazon EBS
- Citrix XenServer 7.2
- Google Cloud Platform
- Linux KVM Redhat 7.1
- Microsoft Azure
- Microsoft Hyper-V Server 2012, 2016, and 2019
- Nutanix AHV (AOS 5.10.5)
- OpenSource XenServer 4.2.5
- Oracle Private Cloud
- VMware ESXi versions 6.5 and later

Feature support

The following table lists FortiAnalyzer feature support for log devices.

Platform	Log View	FortiView	Event Management	Reports
FortiGate	✓	✓	✓	✓
FortiCarrier	✓	✓	✓	✓
FortiADC	✓		✓	
FortiAI	✓	✓	✓	✓
FortiAnalyzer	✓		✓	
FortiAuthenticator	✓			
FortiCache	✓		✓	✓
FortiClient registered to FortiGate	✓	✓		✓
FortiClient registered to FortiClient EMS	✓	✓		✓
FortiDDoS	✓	✓	✓	✓
FortiDeceptor	✓			
FortiFirewall	✓	✓	✓	✓
FortiMail	✓		✓	✓
FortiManager	✓		✓	
FortiNAC	✓			
FortiProxy	✓		✓	✓
FortiSandbox	✓		✓	✓
FortiSOAR	✓		✓	✓
FortiWeb	✓		✓	✓
Syslog	✓		✓	✓

Language support

The following table lists FortiAnalyzer language support information.

Language	GUI	Reports
English	✓	✓
Chinese (Simplified)	✓	✓
Chinese (Traditional)	✓	✓
French	✓	✓
Hebrew		✓
Hungarian		✓
Japanese	✓	✓
Korean	✓	✓
Portuguese		✓
Russian		✓
Spanish		✓

To change the FortiAnalyzer language setting, go to *System Settings > Admin > Admin Settings*, in *Administrative Settings > Language* select the desired language on the drop-down menu. The default value is *Auto Detect*.

Russian, Hebrew, and Hungarian are not included in the default report languages. You can create your own language translation files for these languages by exporting a predefined language from FortiAnalyzer, modifying the text to a different language, saving the file as a different language name, and then importing the file into FortiAnalyzer. For more information, see the *FortiAnalyzer Administration Guide*.

Supported models

The following tables list which FortiGate, FortiCarrier, FortiDDoS, FortiAnalyzer, FortiMail, FortiSandbox, FortiSwitch ATCA, FortiWeb, FortiCache, FortiProxy, and FortiAuthenticator models and firmware versions that can be managed by a FortiManager or send logs to a FortiManager running version 7.4.1.



Software license activated LENC devices are supported, if their platforms are in the supported models list. For example, support of FG-3200D indicates support of FG-3200D-LENC.

This section contains the following topics:

- [FortiGate models on page 25](#)
- [FortiGate special branch models on page 31](#)
- [FortiCarrier models on page 33](#)
- [FortiCarrier special branch models on page 36](#)
- [FortiADC models on page 38](#)
- [FortiNDR and FortiAI models on page 38](#)
- [FortiAnalyzer models on page 39](#)
- [FortiAuthenticator models on page 39](#)

- [FortiCache models on page 40](#)
- [FortiDDoS models on page 40](#)
- [FortiDeceptor models on page 40](#)
- [FortiFirewall models on page 41](#)
- [FortiFirewallCarrier models on page 41](#)
- [FortiIsolator models on page 42](#)
- [FortiMail models on page 42](#)
- [FortiNAC models on page 42](#)
- [FortiPAM models on page 43](#)
- [FortiProxy models on page 43](#)
- [FortiSandbox models on page 43](#)
- [FortiSOAR models on page 43](#)
- [FortiSwitch ATCA models on page 44](#)
- [FortiWeb models on page 44](#)

FortiGate models

The following FortiGate models are released with FortiOS firmware. For information about supported FortiGate models on special branch releases of FortiOS firmware, see [FortiGate special branch models on page 31](#).



The following FortiGate models are not supported in 7.4 by FortiAnalyzer 7.4.0 due to FortiOS syntax issues:

- FortiGate-91E
- FortiGateRugged-70F/70F-3G4G

Model	Firmware Version
FortiGate: FortiGate-40F, FortiGate-40F-3G4G, FortiGate-60E, FortiGate-60E-DSL, FortiGate-60E-DSLJ, FortiGate-60E-POE, FortiGate-60F, FortiGate-61E, FortiGate-61F, FortiGate-70F, FortiGate-71F, FortiGate-80E, FortiGate-80E-POE, FortiGate-80F, FortiGate-80F-Bypass, FortiGate-80F-POE, FortiGate-81E, FortiGate-81E-POE, FortiGate-81F, FortiGate-81F-POE, FortiGate-90E, FortiGate-100E, FortiGate-100EF, FortiGate-100F, FortiGate-101E, FortiGate-101F, FortiGate-140E, FortiGate-140E-POE, FortiGate-200E, FortiGate-200F, FortiGate-201E, FortiGate-201F, FortiGate-300E, FortiGate-301E, FortiGate-400E, FortiGate-400F, FortiGate-400E-Bypass, FortiGate-401E, FortiGate-401F, FortiGate-500E, FortiGate-501E, FortiGate-600E, FortiGate-600F, FortiGate-601E, FortiGate-601F, FortiGate-800D, FortiGate-900D, FortiGate-1000D, FortiGate-1100E, FortiGate-1101E, FortiGate-1500D, FortiGate-1500DT, FortiGate-1800F, FortiGate-1801F, FortiGate-2000E, FortiGate-2200E, FortiGate-2201E, FortiGate-2500E, FortiGate-2600F, FortiGate-2601F, FortiGate-3000D, FortiGate-3000F, FortiGate-3001F, FortiGate-3100D, FortiGate-3200D, FortiGate-3300E, FortiGate-3301E, FortiGate-3400E, FortiGate-3401E, FortiGate-3500F, FortiGate-3501F, FortiGate-3600E, FortiGate-3600E-DC, FortiGate-3601E, FortiGate-3700D, FortiGate-3800D, FortiGate-3960E, FortiGate-3980E, FortiGate-4200F, FortiGate-4201F, FortiGate-4400F, FortiGate-4401F FortiGate 5000 Series: FortiGate-5001E, FortiGate-5001E1	7.4

Model	Firmware Version
FortiGate 6000 Series: FortiGate-6000F, FortiGate-6300F, FortiGate-6300F-DC, FortiGate-6301F, FortiGate-6301F-DC, FortiGate-6500F, FortiGate-6500F-DC, FortiGate-6501F, FortiGate-6501F-DC FortiGate 7000 Series: FortiGate-7000E, FortiGate-7000F, FortiGate-7030E, FortiGate-7040E, FortiGate-7060E, FortiGate-7060E-8-DC, FortiGate-7081F, FortiGate-7121F, FortiGate-7121F-2, FortiGate-7121F-2-DC, FortiGate-7121F-DC FortiGate DC: FortiGate-401E-DC, FortiGate-800D-DC, FortiGate-1100E-DC, FortiGate-1500D-DC, FortiGate-1800F-DC, FortiGate-1801F-DC, FortiGate-2201E-ACDC, FortiGate-2600F-DC, FortiGate-2601F-DC, FortiGate-3000D-DC, FortiGate-3000F-DC, FortiGate-3001F-DC, FortiGate-3100D-DC, FortiGate-3200D-DC, FortiGate-3400E-DC, FortiGate-3401E-DC, FortiGate-3700D-DC, FortiGate-3800D-DC, FortiGate-3960E-ACDC, FortiGate-3960E-DC, FortiGate-3980E-DC, FortiGate-4200F-DC, FortiGate-4201F-DC, FortiGate-4400F-DC, FortiGate-4401F-DC FortiWiFi: FWF-40F, FWF-40F-3G4G, FWF-60E, FWF-60E-DSL, FWF-60E-DSLJ, FWF-60F, FWF-61E, FWF-61F, FWF-80F-2R, FWF-81F-2R, FWF-81F-2R-3G4G-POE, FWF-81F-2R-POE FortiGate VM: FortiGate-ARM64-AWS, FortiGate-ARM64-Azure, FortiGate-ARM64-GCP, FortiGate-ARM64-KVM, FortiGate-ARM64-OCI, FortiGate-VM64, FortiGate-VM64-ALI, FortiGate-VM64-AWS, FortiGate-VM64-Azure, FortiGate-VM64-GCP, FortiGate-VM64-HV, FortiGate-VM64-IBM, FortiGate-VM64-KVM, FortiGate-VM64-OPC, FortiGate-VM64-RAXONDEMAND, FortiGate-VM64-Xen FortiGate Rugged: FGR-60F, FGR-60F-3G4G, FGR-70F, FGR-70F-3G4G	
FortiGate: FortiGate-40F, FortiGate-40F-3G4G, FortiGate-60E, FortiGate-60E-DSL, FortiGate-60E-DSLJ, FortiGate-60E-POE, FortiGate-60F, FortiGate-61E, FortiGate-61F, FortiGate-70F, FortiGate-71F, FortiGate-80E, FortiGate-80E-POE, FortiGate-80F, FortiGate-80F-Bypass, FortiGate-80F-POE, FortiGate-81E, FortiGate-81E-POE, FortiGate-81F, FortiGate-81F-POE, FortiGate-90E, FortiGate-91E, FortiGate-100E, FortiGate-100EF, FortiGate-100F, FortiGate-101E, FortiGate-101F, FortiGate-140E, FortiGate-140E-POE, FortiGate-200E, FortiGate-200F, FortiGate-201E, FortiGate-201F, FortiGate-300E, FortiGate-301E, FortiGate-400E, FortiGate-400E-Bypass, FortiGate-400F, FortiGate-401E, FortiGate-401F, FortiGate-500E, FortiGate-501E, FortiGate-600E, FortiGate-600F, FortiGate-601E, FortiGate-601F, FortiGate-800D, FortiGate-900D, FortiGate-1000D, FortiGate-1100E, FortiGate-1101E, FortiGate-1500D, FortiGate-1500DT, FortiGate-1800F, FortiGate-1801F, FortiGate-2000E, FortiGate-2200E, FortiGate-2201E, FortiGate-2500E, FortiGate-2600F, FortiGate-2601F, FortiGate-3000D, FortiGate-3000F, FortiGate-3001F, FortiGate-3100D, FortiGate-3200D, FortiGate-3300E, FortiGate-3301E, FortiGate-3400E, FortiGate-3401E, FortiGate-3500F, FortiGate-3501F, FortiGate-3600E, FortiGate-3601E, FortiGate-3700D, FortiGate-3800D, FortiGate-3960E, FortiGate-3980E, FortiGate-4200F, FortiGate-4201F, FortiGate-4400F, FortiGate-4401F FortiGate 5000 Series: FortiGate-5001E, FortiGate-5001E1 FortiGate 6000 Series: FortiGate-6000F, FortiGate-6300F, FortiGate-6300F-DC, FortiGate-6301F, FortiGate-6301F-DC, FortiGate-6500F, FortiGate-6500F-DC, FortiGate-6501F, FortiGate-6501F-DC	7.2

Model	Firmware Version
FortiGate 7000 Series: FortiGate-7000E, FortiGate-7000F, FortiGate-7030E, FortiGate-7040E, FortiGate-7060E, FortiGate-7060E-8-DC, FortiGate-7081F, FortiGate-7121F, FortiGate-7121F-2, FortiGate-7121F-2-DC, FortiGate-7121F-DC FortiGate DC: FortiGate-401E-DC, FortiGate-800D-DC, FortiGate-1100E-DC, FortiGate-1500D-DC, FortiGate-1800F-DC, FortiGate-1801F-DC, FortiGate-2201E-ACDC, FortiGate-2600F-DC, FortiGate-2601F-DC, FortiGate-3000D-DC, FortiGate-3000F-DC, FortiGate-3001F-DC, FortiGate-3100D-DC, FortiGate-3200D-DC, FortiGate-3400E-DC, FortiGate-3401E-DC, FortiGate-3600E-DC, FortiGate-3700D-DC, FortiGate-3800D-DC, FortiGate-3960E-ACDC, FortiGate-3960E-DC, FortiGate-3980E-DC, FortiGate-4200F-DC, FortiGate-4201F-DC, FortiGate-4400F-DC, FortiGate-4401F-DC FortiWiFi: FWF-60E, FWF-60E-DSL, FWF-60E-DSLJ, FWF-60F, FWF-61E, FWF-61F, FWF-80F-2R, FWF-81F-2R, FWF-81F-2R-3G4G-POE, FWF-81F-2R-POE FortiGate VM: FortiGate-ARM64-AWS, FortiGate-ARM64-Azure, FortiGate-ARM64-GCP, FortiGate-ARM64-KVM, FortiGate-ARM64-OCI, FortiGate-VM64, FortiGate-VM64-ALI, FortiGate-VM64-AWS, FortiGate-VM64-Azure, FortiGate-VM64-GCP, FortiGate-VM64-HV, FortiGate-VM64-IBM, FortiGate-VM64-KVM, FortiGate-VM64-OPC, FortiGate-VM64-RAXONDEMAND, FortiGate-VM64-XEN, FortiGate-VMX-Service-Manager FortiOS-VM: FOS-VM64, FOS-VM64-HV, FOS-VM64-KVM, FOS-VM64-Xen FortiGate Rugged: FGR-60F, FGR-60F-3G4G	
FortiGate: FortiGate-40F, FortiGate-40F-3G4G, FortiGate-60E, FortiGate-60E-DSL, FortiGate-60E-DSLJ, FortiGate-60E-POE, FortiGate-60F, FortiGate-61E, FortiGate-61F, FortiGate-70F, FortiGate-71F, FortiGate-80E, FortiGate-80E-POE, FortiGate-80F, FortiGate-80F-Bypass, FortiGate-80F-POE, FortiGate-81E, FortiGate-81E-POE, FortiGate-81F, FortiGate-81F-POE, FortiGate-90E, FortiGate-91E, FortiGate-100E, FortiGate-100EF, FortiGate-100F, FortiGate-101E, FortiGate-101F, FortiGate-140E, FortiGate-140E-POE, FortiGate-200E, FortiGate-200F, FortiGate-201E, FortiGate-201F, FortiGate-300D, FortiGate-300E, FortiGate-301E, FortiGate-400D, FortiGate-400E, FortiGate-400E-Bypass, FortiGate-400F, FortiGate-401E, FortiGate-401F, FortiGate-500D, FortiGate-500E, FortiGate-501E, FortiGate-600D, FortiGate-600E, FortiGate-600F, FortiGate-601E, FortiGate-601F, FortiGate-800D, FortiGate-900D, FortiGate-1000D, FortiGate-1100E, FortiGate-1101E, FortiGate-1200D, FortiGate-1500D, FortiGate-1500DT, FortiGate-1800F, FortiGate-1801F, FortiGate-2000E, FortiGate-2200E, FortiGate-2201E, FortiGate-2500E, FortiGate-2600F, FortiGate-2601F, FortiGate-3000D, FortiGate-3000F, FortiGate-3001F, FortiGate-3100D, FortiGate-3200D, FortiGate-3300E, FortiGate-3301E, FortiGate-3400E, FortiGate-3401E, FortiGate-3500F, FortiGate-3501F, FortiGate-3600E, FortiGate-3601E, FortiGate-3700D, FortiGate-3800D, FortiGate-3810D, FortiGate-3815D, FortiGate-3960E, FortiGate-3980E, FortiGate-4200F, FortiGate-4201F, FortiGate-4400F, FortiGate-4401F,	7.0
FortiGate 5000 Series: FortiGate-5001D, FortiGate-5001E, FortiGate-5001E1	

Model	Firmware Version
FortiGate DC: FortiGate-401E-DC, FortiGate-800D-DC, FortiGate-1100E-DC, FortiGate-1500D-DC, FortiGate-1800F-DC, FortiGate-1801F-DC, FortiGate-2201E-ACDC, FortiGate-2600F-DC, FortiGate-2601F-DC, FortiGate-3000D-DC, FortiGate-3000F-DC, FortiGate-3001F-DC, FortiGate-3100D-DC, FortiGate-3200D-DC, FortiGate-3400E-DC, FortiGate-3401E-DC, FortiGate-3600E-DC, FortiGate-3700D-DC, FortiGate-3800D-DC, FortiGate-3810D-DC, FortiGate-3815D-DC, FortiGate-3960E-ACDC, FortiGate-3960E-DC, FortiGate-3980E-DC, FortiGate-4200F-DC, FortiGate-4201F-DC, FortiGate-4400F-DC, FortiGate-4401F-DC FortiWiFi: FWF-60E, FWF-60E-DSL, FWF-60E-DSLJ, FWF-60F, FWF-61E, FWF-61F, FWF-80F-2R, FWF-81F-2R, FWF-81F-2R-3G4G-POE, FWF-81F-2R-POE FortiGate VM: FortiGate-ARM64-AWS, FortiGate-ARM64-KVM, FortiGate-ARM64-OCI, FortiGate-VM64, FortiGate-VM64-ALI, FortiGate-VM64-AWS, FortiGate-VM64-Azure, FortiGate-VM64-GCP, FortiGate-VM64-HV, FortiGate-VM64-IBM, FortiGate-VM64-KVM, FortiGate-VM64-OPC, FortiGate-VM64-RAXONDEMAND, FortiGate-VM64-XEN, FortiGate-VMX-Service-Manager FortiOS-VM: FOS-VM64, FOS-VM64-HV, FOS-VM64-KVM, FOS-VM64-Xen FortiGate Rugged: FGR-60F, FGR-60F-3G4G	
FortiGate: FortiGate-40F, FortiGate-40F-3G4G, FortiGate-60E, FortiGate-60E-DSL, FortiGate-60E-DSLJ, FortiGate-60E-POE, FortiGate-60F, FortiGate-61E, FortiGate-61F, FortiGate-80E, FortiGate-80E-POE, FortiGate-80F, FortiGate-80F-Bypass, FortiGate-80F-POE, FortiGate-81E, FortiGate-81E-POE, FortiGate-81F, FortiGate-81F-POE, FortiGate-90E, FortiGate-91E, FortiGate-100D, FortiGate-100E, FortiGate-100EF, FortiGate-100F, FortiGate-101E, FortiGate-101F, FortiGate-140E, FortiGate-140E-POE, FortiGate-200E, FortiGate-200F, FortiGate-201E, FortiGate-201F, FortiGate-300D, FortiGate-300E, FortiGate-301E, FortiGate-400D, FortiGate-400E, FortiGate-400E-Bypass, FortiGate-401E, FortiGate-500D, FortiGate-500E, FortiGate-501E, FortiGate-600D, FortiGate-600E, FortiGate-601E, FortiGate-800D, FortiGate-900D, FortiGate-1000D, FortiGate-1100E, FortiGate-1101E, FortiGate-1200D, FortiGate-1500D, FortiGate-1500DT, FortiGate-1800F, FortiGate-1801F, FortiGate-2000E, FortiGate-2200E, FortiGate-2201E, FortiGate-2500E, FortiGate-2600F, FortiGate-2601F, FortiGate-3000D, FortiGate-3100D, FortiGate-3200D, FortiGate-3300E, FortiGate-3301E, FortiGate-3400E, FortiGate-3401E, FortiGate-3600E, FortiGate-3601E, FortiGate-3700D, FortiGate-3800D, FortiGate-3810D, FortiGate-3815D, FortiGate-3960E, FortiGate-3980E, FortiGate-4200F, FortiGate-4201F, FortiGate-4400F, FortiGate-4401F, FortiGate 5000 Series: FortiGate-5001D, FortiGate-5001E, FortiGate-5001E1 FortiGate DC: FortiGate-401E-DC, FortiGate-800D-DC, FortiGate-1100E-DC, FortiGate-1500D-DC, FortiGate-1800F-DC, FortiGate-1801F-DC, FortiGate-2201E-ACDC, FortiGate-2600F-DC, FortiGate-2601F-DC, FortiGate-3000D-DC, FortiGate-3100D-DC, FortiGate-3200D-DC, FortiGate-3400E-DC, FortiGate-3401E-DC, FortiGate-3600E-DC, FortiGate-3700D-DC, FortiGate-3800D-DC, FortiGate-3810D-DC, FortiGate-3815D-DC, FortiGate-3960E-ACDC, FortiGate-3960E-DC, FortiGate-3980E-DC, FortiGate-4200F-DC, FortiGate-4201F-DC, FortiGate-4400F-DC, FortiGate-4401F-DC FortiGate Hardware Low Encryption: FortiGate-100D-LENC	6.4

Model	Firmware Version
FortiWiFi: FWF-40F, FWF-40F-3G4G, FWF-60E, FWF-60E-DSL, FWF-60E-DSLJ, FWF-60F, FWF-61E, FWF-61F, FWF-80F-2R, FWF-81F-2R, FWF-81F-2R-3G4G-POE, FWF-81F-2R-POE FortiGate VM: FortiGate-VM64, FortiGate-VM64-ALI, FortiGate-VM64-ALIONDEMAND, FortiGate-VM64-AWS, FortiGate-VM64-AZUREONDEMAND, FortiGate-VM64-Azure, FortiGate-VM64-GCP, VM64-GCPONDEMAND, FortiGate-VM64-HV, FortiGate-VM64-IBM, FortiGate-VM64-KVM, FortiGate-VM64-OPC, FortiGate-VM64-RAXONDEMAND, FortiGate-VM64-XEN, FortiGate-VMX-Service-Manager FortiOS-VM: FOS-VM64, FOS-VM64-HV, FOS-VM64-KVM, FOS-VM64-Xen FortiGate Rugged: FGR-60F, FGR-60F-3G4G	
FortiGate: FortiGate-30E, FortiGate-30E-3G4G-GBL, FortiGate-30E-3G4G-INTL, FortiGate-30E-3G4G-NAM, FortiGate-40F, FortiGate-40F-3G4G, FortiGate-50E, FortiGate-51E, FortiGate-52E, FortiGate-60E, FortiGate-60E-DSL, FortiGate-60E-DSLJ, FortiGate-60E-POE, FortiGate-60F, FortiGate-61E, FortiGate-61F, FortiGate-80E, FortiGate-80E-POE, FortiGate-80F, FortiGate-80F-Bypass, FortiGate-80F-POE, FortiGate-81E, FortiGate-81E-POE, FortiGate-81F, FortiGate-81F-POE, FortiGate-90E, FortiGate-91E, FortiGate-92D, FortiGate-100D, FortiGate-100E, FortiGate-100EF, FortiGate-100F, FortiGate-101E, FortiGate-101F, FortiGate-140D, FortiGate-140D-POE, FortiGate-140E, FortiGate-140E-POE, FortiGate-200E, FortiGate-200F, FortiGate-201E, FortiGate-300D, FortiGate-300E, FortiGate-301E, FortiGate-400D, FortiGate-400E, FortiGate-400E-Bypass, FortiGate-401E, FortiGate-500D, FortiGate-500E, FortiGate-501E, FortiGate-600D, FortiGate-600E, FortiGate-601E, FortiGate-800D, FortiGate-900D, FortiGate-1000D, FortiGate-1100E, FortiGate-1101E, FortiGate-1200D, FortiGate-1500D, FortiGate-1500DT, FortiGate-2000E, FortiGate-2200E, FortiGate-2201E, FortiGate-2500E, FortiGate-3000D, FortiGate-3100D, FortiGate-3200D, FortiGate-3300E, FortiGate-3301E, FortiGate-3400E, FortiGate-3401E, FortiGate-3600E, FortiGate-3700D, FortiGate-3800D, FortiGate-3810D, FortiGate-3815D, FortiGate-3960E, FortiGate-3980E FortiGate 5000 Series: FortiGate-5001D, FortiGate-5001E, FortiGate-5001E1 FortiGate DC: FortiGate-401E-DC, FortiGate-800D-DC, FortiGate-1100E-DC, FortiGate-1500D-DC, FortiGate-2201E-ACDC, FortiGate-3000D-DC, FortiGate-3100D-DC, FortiGate-3200D-DC, FortiGate-3400E-DC, FortiGate-3401E-DC, FortiGate-3600E-DC, FortiGate-3700D-DC, FortiGate-3800D-DC, FortiGate-3810D-DC, FortiGate-3815D-DC, FortiGate-3960E-ACDC, FortiGate-3960E-DC, FortiGate-3980E-DC FortiGate Hardware Low Encryption: FortiGate-100D-LENC FortiWiFi: FWF-30E, FWF-30E-3G4G-INTL, FWF-30E-3G4G-NAM, FWF-40F, FWF-40F-3G4G, FWF-50E, FWF-50E-2R, FWF-51E, FWF-60E, FWF-60E-DSL, FWF-60E-DSLJ, FWF-60F, FWF-61E, FWF-61F, FWF-80F-2R, FortiWiFi-80F-2R-3G4G-DSL, FWF-81F-2R, FWF-81F-2R-POE FortiGate VM: FortiGate-VM64, FortiGate-VM64-ALI, FortiGate-VM64-ALIONDEMAND, FortiGate-VM64-AWS, FortiGate-VM64-AWSONDEMAND, FortiGate-VM64-AZUREONDEMAND, FortiGate-VM64-Azure, FortiGate-VM64-GCP, VM64-GCPONDEMAND, FortiGate-VM64-HV, FortiGate-VM64-KVM, FortiGate-VM64-OPC, FortiGate-VM64-RAXONDEMAND, FortiGate-VM64-XEN, FortiGate-VMX-Service-Manager FortiOS-VM: FOS-VM64, FOS-VM64-HV, FOS-VM64-KVM, FOS-VM64-Xen	6.2

Model	Firmware Version
FortiGate Rugged: FGR-30D, FGR-35D, FGR-60F, FGR-60F-3G4G, FGR-90D	
FortiGate: FortiGate-30D, FortiGate-30D-POE, FortiGate-30E, FortiGate-30E-3G4G-GBL, FortiGate-30E-3G4G-INTL, FortiGate-30E-3G4G-NAM, FortiGate-50E, FortiGate-51E, FortiGate-52E, FortiGate-60D, FortiGate-60D-POE, FortiGate-60E, FortiGate-60E-DSL, FortiGate-60E-DSLJ, FortiGate-60E-POE, FortiGate-60F, FortiGate-61E, FortiGate-61F, FortiGate-70D, FortiGate-70D-POE, FortiGate-80C, FortiGate-80CM, FortiGate-80D, FortiGate-80E, FortiGate-80E-POE, FortiGate-81E, FortiGate-81E-POE, FortiGate-90D, FortiGate-90D-POE, FortiGate-90E, FortiGate-91E, FortiGate-92D, FortiGate-94D-POE, FortiGate-98D-POE, FortiGate-100D, FortiGate-100E, FortiGate-100EF, FortiGate-101E, FortiGate-140D, FortiGate-140D-POE, FortiGate-140E, FortiGate-140E-POE, FortiGate-200D, FortiGate-200D-POE, FortiGate-200E, FortiGate-201E, FortiGate-240D, FortiGate-240D-POE, FortiGate-280D-POE, FortiGate-300D, FortiGate-300E, FortiGate-301E, FortiGate-400D, FortiGate-400E, FortiGate-401E, FortiGate-500D, FortiGate-500E, FortiGate-501E, FortiGate-600C, FortiGate-600D, FortiGate-600E, FortiGate-601E, FortiGate-800C, FortiGate-800D, FortiGate-900D, FortiGate-1000C, FortiGate-1000D, FortiGate-1200D, FortiGate-1500D, FortiGate-1500DT, FortiGate-2000E, FortiGate-2500E, FortiGate-3000D, FortiGate-3100D, FortiGate-3200D, FortiGate-3400E, FortiGate-3401E, FortiGate-3600C, FortiGate-3600E, FortiGate-3700D, FortiGate-3800D, FortiGate-3810D, FortiGate-3815D, FortiGate-3960E, FortiGate-3980E FortiGate 5000 Series: FortiGate-5001D, FortiGate-5001E, FortiGate-5001E1 FortiGate 6000 Series: FortiGate-6000F, FortiGate-6300F, FortiGate-6301F, FortiGate-6500F, FortiGate-6501F FortiGate 7000 Series: FortiGate-7000E, FortiGate-7030E, FortiGate-7040E, FortiGate-7060E FortiGate DC: FortiGate-80C-DC, FortiGate-401E-DC, FortiGate-600C-DC, FortiGate-800C-DC, FortiGate-1000C-DC, FortiGate-1500D-DC, FortiGate-3000D-DC, FortiGate-3100D-DC, FortiGate-3200D-DC, FortiGate-3400E-DC, FortiGate-3401E-DC, FortiGate-3600C-DC, FortiGate-3600E-DC, FortiGate-3700D-DC, FortiGate-3800D-DC, FortiGate-3810D-DC, FortiGate-3815D-DC, FortiGate-3960E-ACDC, FortiGate-3960E-DC, FortiGate-3980E-DC, FortiGate-6000F-DC, FortiGate-6300F-DC, FortiGate-6301F-DC, FortiGate-6500F-DC, FortiGate-6501F-DC, FortiGate-7060E-8-DC FortiGate Hardware Low Encryption: FortiGate-80C-LENC, FortiGate-100D-LENC, FortiGate-600C-LENC, FortiGate-1000C-LENC Note: All license-based LENC is supported based on the FortiGate support list. FortiWiFi: FWF-30D, FWF-30D-POE, FWF-30E, FWF-30E-3G4G-INTL, FWF-30E-3G4G-NAM, FWF-41F, FWF-41F-3G4G, FWF-50E, FWF-50E-2R, FWF-51E, FWF-60D, FWF-60D-POE, FWF-60E, FWF-60E-DSL, FWF-60E-DSLJ, FWF-61E, FWF-80CM, FWF-81CM, FWF-90D, FWF-90D-POE, FWF-92D FortiGate VM: FortiGate-VM64, FortiGate-VM64-ALI, FortiGate-VM64-ALIONDEMAND, FortiGate-VM64-AWS, FortiGate-VM64-AWSONDEMAND, FortiGate-VM64-AZUREONDEMAND, FortiGate-VM64-Azure, FortiGate-VM64-GCP, VM64-GCPONDEMAND, FortiGate-VM64-HV, FortiGate-VM64-KVM, FortiGate-VM64-OPC, FortiGate-VM64-RAXONDEMAND, FortiGate-VM64-XEN, FortiGate-VMX-Service-Manager FortiOS-VM: FOS-VM64, FOS-VM64-KVM, FOS-VM64-Xen FortiGate Rugged: FGR-30D, FGR-30D-ADSL-A, FGR-35D, FGR-60D, FGR-90D	6.0

FortiGate special branch models

The following FortiGate models are released on special branches of FortiOS. FortiAnalyzer version 7.4.1 supports these models on the identified FortiOS version and build number.

For information about supported FortiGate models released with FortiOS firmware, see [FortiGate models on page 25](#).

FortiOS 7.2

FortiGate Model	FortiOS Version	FortiOS Build
FortiGate-3200F	7.2.5	4373
FortiGate-3201F	7.2.5	4384
FortiGate-3700F, FortiGate-3701F	7.2.5	4394
FortiGate-4800F, FortiGate-4801F	7.2.5	4394

FortiOS 7.0

FortiGate Model	FortiOS Version	FortiOS Build
FortiGate-80F-DSL	7.0.12	6689
FortiGate-900G, FortiGate-901G	7.0.12	6728
FortiGate-1000F, FortiGate-1001F	7.0.12	6660
FortiGate-1500G, FortiGate-1501G	7.0.9	6458
FortiGate-3200F, FortiGate-3201F	7.0.12	6661
FortiGate-3700F, FortiGate-3701F	7.0.12	6661
FortiGate-4800F, FortiGate-4801F	7.0.12	6661
FortiGate-6000F, FortiGate-6300F, FortiGate-6300F-DC, FortiGate-6301F, FortiGate-6301F-DC, FortiGate-6500F, FortiGate-6500F-DC, FortiGate-6501F, FortiGate-6501F-DC	7.0.12	0163
FortiGate-7000E, FortiGate-7030E, FortiGate-7040E, FortiGate-7060E, FortiGate-7060E-8-DC	7.0.12	0163
FortiGate-7000F, FortiGate-7081F, FortiGate-7121F, FortiGate-7121F-2, FortiGate-7121F-2-DC, FortiGate-7121F-DC	7.0.12	0163
FortiGateRugged-70F, FortiGateRugged- 70F-3G4G	7.0.12	6668

FortiOS 6.4

FortiGate Model	FortiOS Version	FortiOS Build
FortiGate-400F, FortiGate-401F	6.4.12	5429
FortiGate-600F, FortiGate-601F	6.4.12	5429
FortiGate-3500F	6.4.6	5886
FortiGate-3501F	6.4.6	6132
FortiGate-6000F, FortiGate-6300F, FortiGate-6300F-DC, FortiGate-6301F, FortiGate-6301F-DC, FortiGate-6500F, FortiGate-6500F-DC, FortiGate-6501F, FortiGate-6501F-DC	6.4.13	1926
FortiGate-7000E, FortiGate-7030E, FortiGate-7040E, FortiGate-7060E, FortiGate-7060E-8-DC	6.4.13	1926
FortiGate-7000F, FortiGate-7081F, FortiGate-7121F, FortiGate-7121F-2, FortiGate-7121F-2-DC, FortiGate-7121F-DC	6.4.13	1926
FortiWiFi-80F-2R-3G4G-DSL	6.4.7	5003

FortiOS 6.2

FortiGate Model	FortiOS Version	FortiOS Build
FortiGate-80D	6.2.13	5238
FortiGate-200F, FortiGate-201F	6.2.13	7249
FortiGate-1800F, FortiGate-1800F-DC FortiGate-1801F, FortiGate-1801F-DC	6.2.9	7197
FortiGate-2600F, FortiGate-2600F-DC FortiGate-2601F, FortiGate-2601F-DC	6.2.9	7197
FortiGate-4200F, FortiGate-4200F-DC FortiGate-4201F, FortiGate-4201F-DC	6.2.9	7197
FortiGate-4400F, FortiGate-4400F-DC FortiGate-4401F, FortiGate-4401F-DC	6.2.9	7197
FortiGate-6000F, FortiGate-6300F, FortiGate-6300F-DC, FortiGate-6301F, FortiGate-6301F-DC, FortiGate-6500F, FortiGate-6500F-DC, FortiGate-6501F, FortiGate-6501F-DC	6.2.13	1271

FortiGate Model	FortiOS Version	FortiOS Build
FortiGate-7000E, FortiGate-7030E, FortiGate-7040E, FortiGate-7060E, FortiGate-7060E-8-DC FortiGate-7000F, FortiGate-7081F, FortiGate-7121F, FortiGate-7121F-2, FortiGate-7121F-2-DC, FortiGate-7121F-DC	6.2.13	1271
FortiWiFi-81F-2R-3G4G-DSL	6.2.6	7219

FortiOS 6.0

FortiGate Model	FortiOS Version	FortiOS Build
FortiGate-30E-3G4G-GBL	6.0	5486
FortiGate-40F, FortiGate-40F-3G4G	6.0	6887
FortiGate-41F	6.0.6	6445
FortiGate-41F-3G4G	6.0.6	6674
FortiGate-60F, FortiGate-61F	6.0	6890
FortiGate-100F, FortiGate-101F	6.0	6890
FortiGate-1100E, FortiGate-1100E-DC, FortiGate-1101E	6.0	6886
FortiGate-1800F, FortiGate-1800F-DC FortiGate-1801F, FortiGate-1801F-DC	6.0	6889
FortiGate-2200E, FortiGate-2201E, FortiGate-2201E-ACDC	6.0	6888
FortiGate-3300E, FortiGate-3301E	6.0	6888
FortiWiFi-40F, FortiWiFi-40F-3G4G	6.0	6887
FortiWiFi-41F	6.0.6	6674
FortiWiFi-41F-3G4G	6.0.6	6445
FortiWiFi-60F, FortiWiFi-61F	6.0	6890

FortiCarrier models

The following FortiCarrier models are released with FortiCarrier firmware.

For information about supported FortiCarrier models on special branch releases of FortiCarrier firmware, see [FortiCarrier special branch models on page 36](#).

Model	Firmware Version
FortiCarrier: FortiCarrier-2600F, FortiCarrier-2601F, FortiCarrier-3000D, FortiCarrier-3000F, FortiCarrier-3001F, FortiCarrier-3100D, FortiCarrier-3200D, FortiCarrier-3300E, FortiCarrier-3301E, FortiCarrier-3400E, FortiCarrier-3401E, FortiCarrier-3500F, FortiCarrier-3501F, FortiCarrier-3600E, FortiCarrier-3601E, FortiCarrier-3700D, FortiCarrier-3800D, FortiCarrier-3960E, FortiCarrier-3980E, FortiCarrier-4200F, FortiCarrier-4201F, FortiCarrier-4400F, FortiCarrier-4401F FortiCarrier 5000 Series: FortiCarrier-5001E, FortiCarrier-5001E1 FortiCarrier 6000 Series: FortiCarrier-6000F, FortiCarrier-6300F, FortiCarrier-6300F-DC, FortiCarrier-6301F, FortiCarrier-6301F-DC, FortiCarrier-6500F, FortiCarrier-6500F-DC, FortiCarrier-65001F, FortiCarrier-6501F-DC FortiCarrier 7000 Series: FortiCarrier-7000E, FortiCarrier-7000F, FortiCarrier-7030E, FortiCarrier-7040E, FortiCarrier-7060E, FortiCarrier-7060E-8-DC, FortiCarrier-7081F, FortiCarrier-7121F, FortiCarrier-7121F-2, FortiCarrier-7121F-2-DC, FortiCarrier-7121F-DC FortiCarrier-DC: FortiCarrier-3000D-DC, FortiCarrier-3000F-DC, FortiCarrier-3001F-DC, FortiCarrier-3100D-DC, FortiCarrier-3200D-DC, FortiCarrier-3400E-DC, FortiCarrier-3401E-DC, FortiCarrier-3600E-DC, FortiCarrier-3700D-DC, FortiCarrier-3800D-DC, FortiCarrier-3960E-DC, FortiCarrier-3980E-DC, FortiCarrier-4200F-DC, FortiCarrier-4201F-DC, FortiCarrier-4400F-DC, FortiCarrier-4401F-DC FortiCarrier-VM: FortiCarrier-ARM64-AWS, FortiCarrier-ARM64-Azure, FortiCarrier-ARM64-GCP, FortiCarrier-ARM64-KVM, FortiCarrier-ARM64-OCI, FortiCarrier-VM64, FortiCarrier-VM64-ALI, FortiCarrier-VM64-AWS, FortiCarrier-VM64-Azure, FortiCarrier-VM64-GCP, FortiCarrier-VM64-HV, FortiCarrier-VM64-KVM, FortiCarrier-VM64-IBM, FortiCarrier-VM64-OPC, FortiCarrier-VM64-Xen	7.4
FortiCarrier: FortiCarrier-2600F, FortiCarrier-2601F, FortiCarrier-3000D, FortiCarrier-3000F, FortiCarrier-3001F, FortiCarrier-3100D, FortiCarrier-3200D, FortiCarrier-3300E, FortiCarrier-3301E, FortiCarrier-3400E, FortiCarrier-3401E, FortiCarrier-3500F, FortiCarrier-3501F, FortiCarrier-3600E, FortiCarrier-3601E, FortiCarrier-3700D, FortiCarrier-3800D, FortiCarrier-3960E, FortiCarrier-3980E, FortiCarrier-4200F, FortiCarrier-4201F, FortiCarrier-4400F, FortiCarrier-4401F FortiCarrier 5000 Series: FortiCarrier-5001E, FortiCarrier-5001E1 FortiCarrier 6000 Series: FortiCarrier-6000F, FortiCarrier-6300F, FortiCarrier-6300F-DC, FortiCarrier-6301F, FortiCarrier-6301F-DC, FortiCarrier-6500F, FortiCarrier-6500F-DC, FortiCarrier-65001F, FortiCarrier-6501F-DC FortiCarrier 7000 Series: FortiCarrier-7000E, FortiCarrier-7000F, FortiCarrier-7030E, FortiCarrier-7040E, FortiCarrier-7060E, FortiCarrier-7060E-8-DC, FortiCarrier-7081F, FortiCarrier-7121F, FortiCarrier-7121F-2, FortiCarrier-7121F-2-DC, FortiCarrier-7121F-DC FortiCarrier-DC: FortiCarrier-3000D-DC, FortiCarrier-3000F-DC, FortiCarrier-3001F-DC, FortiCarrier-3100D-DC, FortiCarrier-3200D-DC, FortiCarrier-3400E-DC, FortiCarrier-3401E-DC, FortiCarrier-3600E-DC, FortiCarrier-3700D-DC, FortiCarrier-3800D-DC, FortiCarrier-3960E-DC, FortiCarrier-3980E-DC, FortiCarrier-4200F-DC, FortiCarrier-4201F-DC, FortiCarrier-4400F-DC, FortiCarrier-4401F-DC	7.2

Model	Firmware Version
FortiCarrier-VM: FortiCarrier-ARM64-AWS, FortiCarrier-ARM64-Azure, FortiCarrier-ARM64-GCP, FortiCarrier-ARM64-KVM, FortiCarrier-ARM64-OCI, FortiCarrier-VM64, FortiCarrier-VM64-ALI, FortiCarrier-VM64-AWS, FortiCarrier-VM64-Azure, FortiCarrier-VM64-GCP, FortiCarrier-VM64-HV, FortiCarrier-VM64-IBM, FortiCarrier-VM64-KVM, FortiCarrier-VM64-OPC, FortiCarrier-VM64-Xen	
FortiCarrier: FortiCarrier-3000D, FortiCarrier-3100D, FortiCarrier-3200D, FortiCarrier-3300E, FortiCarrier-3301E, FortiCarrier-3400E, FortiCarrier-3401E, FortiCarrier-3500F, FortiCarrier-3501F, FortiCarrier-3600E, FortiCarrier-3601E, FortiCarrier-3700D, FortiCarrier-3800D, FortiCarrier-3810D, FortiCarrier-3815D, FortiCarrier-3960E, FortiCarrier-3980E FortiCarrier 5000 Series: FortiCarrier-5001D, FortiCarrier-5001E, FortiCarrier-5001E1 FortiCarrier-DC: FortiCarrier-3000D-DC, FortiCarrier-3000F-DC, FortiCarrier-3001F-DC, FortiCarrier-3100D-DC, FortiCarrier-3200D-DC, FortiCarrier-3400E-DC, FortiCarrier-3401E-DC, FortiCarrier-3600E-DC, FortiCarrier-3700D-DC, FortiCarrier-3800D-DC, FortiCarrier-3810D-DC, FortiCarrier-3815D-DC, FortiCarrier-3960E-DC, FortiCarrier-3980E-DC FortiCarrier-VM: FortiCarrier-ARM64-AWS, FortiCarrier-ARM64-KVM, FortiCarrier-ARM64-OCI, FortiCarrier-VM64, FortiCarrier-VM64-ALI, FortiCarrier-VM64-AWS, FortiCarrier-VM64-Azure, FortiCarrier-VM64-GCP, FortiCarrier-VM64-HV, FortiCarrier-VM64-IBM, FortiCarrier-VM64-KVM, FortiCarrier-VM64-OPC, FortiCarrier-VM64-Xen, FortiCarrier-ARM64-KVM	7.0
FortiCarrier: FortiCarrier-3000D, FortiCarrier-3100D, FortiCarrier-3200D, FortiCarrier-3300E, FortiCarrier-3301E, FortiCarrier-3400E, FortiCarrier-3401E, FortiCarrier-3500F, FortiCarrier-3501F, FortiCarrier-3600E, FortiCarrier-3601E, FortiCarrier-3700D, FortiCarrier-3800D, FortiCarrier-3810D, FortiCarrier-3815D, FortiCarrier-3960E, FortiCarrier-3980E FortiCarrier 5000 Series: FortiCarrier-5001D, FortiCarrier-5001E, FortiCarrier-5001E1 FortiCarrier-DC: FortiCarrier-3000D-DC, FortiCarrier-3100D-DC, FortiCarrier-3200D-DC, FortiCarrier-3400E-DC, FortiCarrier-3401E-DC, FortiCarrier-3600E-DC, FortiCarrier-3700D-DC, FortiCarrier-3800D-DC, FortiCarrier-3810D-DC, FortiCarrier-3815D-DC, FortiCarrier-3960E-DC, FortiCarrier-3980E-DC FortiCarrier-VM: FortiCarrier-VM64, FortiCarrier-VM64-ALI, FortiCarrier-VM64-AWS, FortiCarrier-VM64-Azure, FortiCarrier-VM64-GCP, FortiCarrier-VM64-HV, FortiCarrier-VM64-IBM, FortiCarrier-VM64-KVM, FortiCarrier-VM64-OPC, FortiCarrier-VM64-Xen	6.4
FortiCarrier: FortiCarrier-3000D, FortiCarrier-3100D, FortiCarrier-3200D, FortiCarrier-3300E, FortiCarrier-3301E, FortiCarrier-3400E, FortiCarrier-3401E, FortiCarrier-3600E, FortiCarrier-3601E, FortiCarrier-3700D, FortiCarrier-3800D, FortiCarrier-3810D, FortiCarrier-3815D, FortiCarrier-3960E, FortiCarrier-3980E FortiCarrier 5000 Series: FortiCarrier-5001D, FortiCarrier-5001E, FortiCarrier-5001E1 FortiCarrier-DC: FortiCarrier-3000D-DC, FortiCarrier-3100D-DC, FortiCarrier-3200D-DC, FortiCarrier-3400E-DC, FortiCarrier-3401E-DC, FortiCarrier-3600E-DC, FortiCarrier-3700D-DC, FortiCarrier-3800D-DC, FortiCarrier-3810D-DC, FortiCarrier-3815D-DC, FortiCarrier-3960E-DC, FortiCarrier-3980E-DC FortiCarrier 6K and 7K: FortiCarrier-6000F, FortiCarrier-6300F, FortiCarrier-6301F, FortiCarrier-6500F, FortiCarrier-6501F, FortiCarrier-7000E, FortiCarrier-7030E, FortiCarrier-7040E, FortiCarrier-7060E, FortiCarrier-7000F, FortiCarrier-7121F, FortiCarrier-7121F-2	6.2

Model	Firmware Version
FortiCarrier 6K and 7K DC: FortiCarrier-6000F-DC, FortiCarrier-6300F-DC, FortiCarrier-6301F-DC, FortiCarrier-6500F-DC, FortiCarrier-6501F-DC, FortiCarrier-7060E-8-DC, FortiCarrier-7121F-DC, FortiCarrier-7121F-2-DC FortiCarrier-VM: FortiCarrier-VM64, FortiCarrier-VM64-ALI, FortiCarrier-VM64-AWS, FortiCarrier-VM64-Azure, FortiCarrier-VM64-GCP, FortiCarrier-VM64-HV, FortiCarrier-VM64-KVM, FortiCarrier-VM64-OPC, FortiCarrier-VM64-Xen	
FortiCarrier: FortiCarrier-3000D, FortiCarrier-3100D, FortiCarrier-3200D, FortiCarrier-3400E, FortiCarrier-3401E, FortiCarrier-3600E, FortiCarrier-3601E, FortiCarrier-3700D, FortiCarrier-3800D, FortiCarrier-3810D, FortiCarrier-3815D, FortiCarrier-3960E, FortiCarrier-3980E FortiCarrier 5000 Series: FortiCarrier-5001D, FortiCarrier-5001E, FortiCarrier-5001E1 FortiCarrier-DC: FortiCarrier-3000D-DC, FortiCarrier-3100D-DC, FortiCarrier-3200D-DC, FortiCarrier-3400E-DC, FortiCarrier-3401E-DC, FortiCarrier-3600E-DC, FortiCarrier-3700D-DC, FortiCarrier-3800D-DC, FortiCarrier-3810D-DC, FortiCarrier-3815D-DC, FortiCarrier-3960E-DC, FortiCarrier-3980E-DC FortiCarrier-VM: FortiCarrier-VM64, FortiCarrier-VM64-ALI, FortiCarrier-VM64-AWS, FortiCarrier-VM64-AWSONDEMAND, FortiCarrier-VM64-Azure, FortiCarrier-VM64-GCP, FortiCarrier-VM64-HV, FortiCarrier-VM64-KVM, FortiCarrier-VM64-OPC, FortiCarrier-VM64-Xen	6.0

FortiCarrier special branch models

The following FortiCarrier models are released on special branches of FortiOS Carrier. FortiAnalyzer version 7.4.1 supports these models on the identified FortiOS Carrier version and build number.

For information about supported FortiCarrier models released with FortiOS Carrier firmware, see [FortiCarrier models on page 33](#).

FortiCarrier 7.2

FortiCarrier Model	FortiCarrier Version	FortiCarrier Build
FortiCarrier-3200F	7.2.5	4373
FortiCarrier-3201F	7.2.5	4384
FortiCarrier-3700F, FortiCarrier-3701F	7.2.5	4394
FortiCarrier-4800F, FortiCarrier-4801F	7.2.5	4394

FortiCarrier 7.0

FortiCarrier Model	FortiCarrier Version	FortiCarrier Build
FortiCarrier-3200F, FortiCarrier-3201F	7.0.12	6661

FortiCarrier Model	FortiCarrier Version	FortiCarrier Build
FortiCarrier-3700F, FortiCarrier-3701F	7.0.12	6661
FortiCarrier-4800F, FortiCarrier-4801F	7.0.12	6661
FortiCarrier-6000F, FortiCarrier-6300F, FortiCarrier-6300F-DC, FortiCarrier-6301F, FortiCarrier-6301F-DC, FortiCarrier-6500F, FortiCarrier-6500F-DC, FortiCarrier-65001F, FortiCarrier-6501F-DC	7.0.12	0163
FortiCarrier-7000E, FortiCarrier-7030E, FortiCarrier-7040E, FortiCarrier-7060E, FortiCarrier-7060E-8-DC	7.0.12	0163
FortiCarrier-7000F, FortiCarrier-7081F, FortiCarrier-7121F, FortiCarrier-7121F-2, FortiCarrier-7121F-2-DC, FortiCarrier- 7121F-DC	7.0.12	0163

FortiCarrier 6.4

FortiCarrier Model	FortiCarrier Version	FortiCarrier Build
FortiCarrier-3500F	6.4.6	5886
FortiCarrier-3501F	6.4.6	6132
FortiCarrier-6000F, FortiCarrier-6300F, FortiCarrier-6300F-DC, FortiCarrier-6301F, FortiCarrier-6301F-DC, FortiCarrier-6500F, FortiCarrier-6500F-DC, FortiCarrier-65001F, FortiCarrier-6501F-DC	6.4.13	1926
FortiCarrier-7000E, FortiCarrier-7030E, FortiCarrier-7040E, FortiCarrier-7060E, FortiCarrier-7060E-8-DC	6.4.13	1926
FortiCarrier-7000F, FortiCarrier-7081F, FortiCarrier-7121F, FortiCarrier-7121F-2, FortiCarrier-7121F-2-DC, FortiCarrier- 7121F-DC	6.4.13	1926

FortiCarrier 6.2

FortiCarrier Model	FortiCarrier Version	FortiCarrier Build
FortiCarrier-4200F, FortiCarrier-4200F-DC FortiCarrier-4201F, FortiCarrier-4201F-DC FortiCarrier-4400F, FortiCarrier-4400F-DC,	6.2.9	7197

FortiCarrier Model	FortiCarrier Version	FortiCarrier Build
FortiCarrier-4401F, FortiCarrier-4401F-DC		
FortiCarrier-6000F, FortiCarrier-6300F, FortiCarrier-6300F-DC, FortiCarrier-6301F, FortiCarrier-6301F-DC, FortiCarrier-6500F, FortiCarrier-6500F-DC, FortiCarrier-65001F, FortiCarrier-6501F-DC	6.2.13	1271
FortiCarrier-7000E, FortiCarrier-7030E, FortiCarrier-7040E, FortiCarrier-7060E, FortiCarrier-7060E-8-DC FortiCarrier-7000F, FortiCarrier-7081F, FortiCarrier-7121F, FortiCarrier-7121F-2, FortiCarrier-7121F-2-DC, FortiCarrier- 7121F-DC	6.2.13	1271

FortiCarrier 6.0

FortiCarrier Model	FortiCarrier Version	FortiCarrier Build
FortiCarrier-VM64-Azure	6.0	5485

FortiADC models

Model	Firmware Version
FortiADC: FortiADC-100F, FortiADC-120F, FortiADC-200D, FortiADC-200F, FortiADC-220F, FortiADC-300D, FortiADC-300F, FortiADC-400D, FortiADC-400F, FortiADC-700D, FortiADC-1000F, FortiADC-1200F, FortiADC-1500D, FortiADC-2000D, FortiADC-2000F, FortiADC-2200F, FortiADC-4000D, FortiADC-4000F, FortiADC-4200F, FortiADC-5000F FortiADC VM: FortiADC-VM	7.1, 7.2, 7.4

FortiNDR and FortiAI models

Model	Firmware Version
FortiAI: FAI-3500F FortiAI-VM: FAI-VM, FAI-KVM	7.0, 7.1, 7.2

FortiAnalyzer models

Model	Firmware Version
FortiAnalyzer: FortiAnalyzer-150G, FortiAnalyzer-300F, FortiAnalyzer-300G, FortiAnalyzer-400E, FortiAnalyzer-800F, FortiAnalyzer-800G, FortiAnalyzer-1000F, FortiAnalyzer-2000E, FortiAnalyzer-3000F, FortiAnalyzer-3000G, FortiAnalyzer-3500E, FortiAnalyzer-3500F, FortiAnalyzer-3500G, FortiAnalyzer-3700F, FortiAnalyzer-3700G, FortiAnalyzer-3900E FortiAnalyzer VM: FortiAnalyzer-DOCKER, FortiAnalyzer-VM64, FortiAnalyzer-VM64-ALI, FortiAnalyzer-VM64-AWS, FortiAnalyzer-VM64-AWS-OnDemand, FortiAnalyzer-VM64-Azure, FortiAnalyzer-VM64-Azure-OnDemand, FortiAnalyzer-VM64-GCP, FortiAnalyzer-VM64-HV, FortiAnalyzer-VM64-IBM, FortiAnalyzer-VM64-KVM, FortiAnalyzer-VM64-OPC, FortiAnalyzer-VM64-Xen	7.4
FortiAnalyzer: FortiAnalyzer-150G, FortiAnalyzer-300F, FortiAnalyzer-300G, FortiAnalyzer-400E, FortiAnalyzer-800F, FortiAnalyzer-800G, FortiAnalyzer-1000F, FortiAnalyzer-2000E, FortiAnalyzer-3000E, FortiAnalyzer-3000F, FortiAnalyzer-3000G, FortiAnalyzer-3500E, FortiAnalyzer-3500F, FortiAnalyzer-3500G, FortiAnalyzer-3700F, FortiAnalyzer-3700G, FortiAnalyzer-3900E FortiAnalyzer VM: FortiAnalyzer-DOCKER, FortiAnalyzer-VM64, FortiAnalyzer-VM64-ALI, FortiAnalyzer-VM64-AWS, FortiAnalyzer-VM64-AWS-OnDemand, FortiAnalyzer-VM64-Azure, FortiAnalyzer-VM64-Azure-OnDemand, FortiAnalyzer-VM64-GCP, FortiAnalyzer-VM64-HV, FortiAnalyzer-VM64-IBM, FortiAnalyzer-VM64-KVM, FortiAnalyzer-VM64-OPC, FortiAnalyzer-VM64-Xen	7.2
FortiAnalyzer: FortiAnalyzer-150G, FortiAnalyzer-200F, FortiAnalyzer-300F, FortiAnalyzer-300G, FortiAnalyzer-400E, FortiAnalyzer-800F, FortiAnalyzer-800G, FortiAnalyzer-1000F, FortiAnalyzer-2000E, FortiAnalyzer-3000E, FortiAnalyzer-3000F, FortiAnalyzer-3000G, FortiAnalyzer-3500E, FortiAnalyzer-3500F, FortiAnalyzer-3500G, FortiAnalyzer-3700F, FortiAnalyzer-3700G, FortiAnalyzer-3900E FortiAnalyzer VM: FortiAnalyzer-DOCKER, FortiAnalyzer-VM64, FortiAnalyzer-VM64-ALI, FortiAnalyzer-VM64-ALI-OnDemand, FortiAnalyzer-VM64-AWS, FortiAnalyzer-VM64-Azure, FortiAnalyzer-VM64-Azure-OnDemand, FortiAnalyzer-VM64-GCP, FortiAnalyzer-VM64-GCP-OnDemand, FortiAnalyzer-VM64-HV, FortiAnalyzer-VM64-IBM, FortiAnalyzer-VM64-KVM, FortiAnalyzer-VM64-OPC, FortiAnalyzer-VM64-Xen	7.0

FortiAuthenticator models

Model	Firmware Version
FortiAuthenticator: FAC-200E, FAC-300F, FAC-400E, FAC-800F, FAC-2000E, FAC-3000E, FAC-3000F FortiAuthenticator VM: FAC-VM	6.5
FortiAuthenticator: FAC-200D, FAC-200E, FAC-300F, FAC-400C, FAC-400E, FAC-800F, FAC-1000C, FAC-1000D, FAC-2000E, FAC-3000D, FAC-3000E, FAC-3000F FortiAuthenticator VM: FAC-VM	6.4

Model	Firmware Version
FortiAuthenticator: FAC-200D, FAC-200E, FAC-300F, FAC-400C, FAC-400E, FAC-800F, FAC-1000C, FAC-1000D, FAC-2000E, FAC-3000D, FAC-3000E FortiAuthenticator VM: FAC-VM	6.3

FortiCache models

Model	Firmware Version
FortiCache: FCH-400C, FCH-400E, FCH-1000C, FCH-1000D, FCH-3000C, FCH-3000D, FCH-3000E, FCH-3900E FortiCache VM: FCH-KVM, FCH-VM64	4.1, 4.2
FortiCache: FCH-400C, FCH-400E, FCH-1000C, FCH-1000D, FCH-3000C, FCH-3000D, FCH-3900E FortiCache VM: FCH-VM64	4.0

FortiDDoS models

Model	Firmware Version
FortiDDoS: FortiDDoS-200F, FortiDDoS-1500F, FortiDDoS-2000F, FortiDDoS-3000F FortiDDoS VM: FortiDDoS-VM	6.5
FortiDDoS: FortiDDoS-200F, FortiDDoS-1500F, FortiDDoS-2000F, FortiDDoS-3000F FortiDDoS VM: FortiDDoS-VM	6.4
FortiDDoS: FortiDDoS-200F, FortiDDoS-1500F, FortiDDoS-2000F FortiDDoS VM: FortiDDoS-VM	6.3

FortiDeceptor models

Model	Firmware Version
FortiDeceptor: FDC-100G, FDC-1000F, FDC-1000G FortiDeceptor Rugged: FDCR-100G FortiDeceptor VM: FDC-VM	5.0, 5.1
FortiDeceptor: FDC-1000F, FDC-1000G FortiDeceptor Rugged: FDCR-100G FortiDeceptor VM: FDC-VM	4.3

FortiFirewall models

Some of the following FortiFirewall models are released on special branches of FortiFirewall firmware. FortiAnalyzer version 7.4.1 supports these models on the identified FortiFirewall firmware version and build number.

FortiFirewall 7.4

Model	Firmware Version
FortiFirewall: FortiFirewall-3980E FortiFirewall DC: FortiFirewall-3980E-DC	7.4
FortiFirewall-VM: FortiFirewall-VM64, FortiFirewall-VM64-KVM	7.4

FortiFirewall 7.2

Model	Firmware Version
FortiFirewall: FortiFirewall-3980E FortiFirewall-VM: FortiFirewall-VM64, FortiFirewall-VM64-KVM	7.2

FortiFirewall 7.0

Model	Firmware Version	Firmware Build (for special branch)
FortiFirewall: FortiFirewall-3001F	7.0.10	4955
FortiFirewall: FortiFirewall-3501F	7.0.10	4955
FortiFirewall: FortiFirewall-3980E FortiFirewall DC: FortiFirewall-3980E-DC FortiFirewall-VM: FortiFirewall-VM64	7.0	

FortiFirewallCarrier models

Some of the following FortiFirewallCarrier models are released on special branches of FortiFirewallCarrier firmware. FortiAnalyzer version 7.4.1 supports these models on the identified FortiFirewallCarrier firmware version and build number.

Model	Firmware Version	Firmware Build
FortiFirewallCarrier-VM: FortiFirewallCarrier-VM64, FortiFirewallCarrier-VM64-KVM	7.4	
FortiFirewallCarrier: FortiFirewallCarrier-3001F	7.0.10	4955

Model	Firmware Version	Firmware Build
FortiFirewallCarrier: FortiFirewallCarrier-3501F	7.0.10	4940
FortiFirewallCarrier: FortiFirewallCarrier-4200F, FortiFirewallCarrier-4400F	6.4	
FortiFirewallCarrier: FortiFirewallCarrier-4200F, FortiFirewallCarrier-4400F	6.2.7	5148
FortiFirewallCarrier: FortiFirewallCarrier-4401F	6.4.12	5423

Fortisolator models

Model	Firmware Version
Fortisolator: Fortisolator-1000F, Fortisolator-1000G, Fortisolator-3000F Fortisolator-VM: Fortisolator-VM	2.4

FortiMail models

Model	Firmware Version
FortiMail: FE-200F, FE-400F, FE-900F, FE-2000E, FE-2000F, FE-3000E, FE-3000F, FE-3200E FortiMail VM: FML-VM	7.4
FortiMail: FE-60D, FE-200D, FE-200E, FE-200F, FE-400E, FE-400F, FE-900F, FE-2000E, FE-2000F, FE-3000E, FE-3000F, FE-3200E FortiMail VM: FML-VM	7.2
FortiMail: FE-60D, FE-200D, FE-200E, FE-200F, FE-400E, FE-400F, FE-900F, FE-1000D, FE-2000E, FE-2000F, FE-3000D, FE-3000E, FE-3000F, FE-3200E FortiMail VM: FML-VM	7.0

FortiNAC models

Model	Firmware Version
FortiNAC: FortiNAC-500, FortiNAC-600, FortiNAC-700, FortiNAC-C-1000C, FortiNAC-C-2000C, FortiNAC-Manager-550 FortiNAC VM: FortiNAC-C-VM, FortiNAC-M-VM	9.4
FortiNAC: FortiNAC-500, FortiNAC-600, FortiNAC-700, FortiNAC-C-1000C, FortiNAC-C-2000C, FortiNAC-Manager-550 FortiNAC VM: FortiNAC-C-VM, FortiNAC-CA-VM, FortiNAC-M-VM	9.1, 9.2

FortiPAM models

Model	Firmware Version
FortiPAM: FortiPAM-1000G, FortiPAM-3000G	1.0, 1.1
FortiPAM VM: FortiPAM-Azure, FortiPAM-HyperV, FortiPAM-KVM, FortiPAM-VM64	

FortiProxy models

Model	Firmware Version
FortiProxy: FPX-400E, FPX-2000E, FPX-4000E	7.2, 7.4
FortiProxy VM: FortiProxy-AliCloud, FortiProxy-AWS, FortiProxy-Azure, FortiProxy-GCP, FortiProxy-HyperV, FortiProxy-KVM, FortiProxy-VM64	
FortiProxy: FPX-400E, FPX-400G, FPX-2000E, FPX-2000G, FPX-4000E, FPX-4000G	7.0
FortiProxy VM: FortiProxy-AliCloud, FortiProxy-AWS, FortiProxy-Azure, FortiProxy-GCP, FortiProxy-HyperV, FortiProxy-KVM, FortiProxy-VM64	
FortiProxy: FPX-400E, FPX-2000E, FPX-4000E	1.0, 1.1, 1.2, 2.0
FortiProxy VM: FortiProxy-KVM, FortiProxy-VM64	

FortiSandbox models

Model	Firmware Version
FortiSandbox: FSA-500F, FSA-500G, FSA-1000D, FSA-1000F, FSA-1500G, FSA-2000E, FSA-3000D, FSA-3000E, FSA-3000F, FSA-3500D	4.2
FortiSandbox DC: FSA-1000F-DC	
FortiSandbox-VM: FortiSandbox-AWS, FortiSandbox-Cloud, FSA-VM	
FortiSandbox: FSA-500F, FSA-1000D, FSA-1000F, FSA-2000E, FSA-3000D, FSA-3000E, FSA-3000F, FSA-3500D	4.0
FortiSandbox DC: FSA-1000F-DC	
FortiSandbox-VM: FortiSandbox-AWS, FortiSandbox-Cloud, FSA-VM	
FortiSandbox: FSA-500F, FSA-1000D, FSA-1000F, FSA-2000E, FSA-3000D, FSA-3000E, FSA-3500D	3.2
FortiSandbox DC: FSA-1000F-DC	
FortiSandbox-VM: FortiSandbox-AWS, FSA-VM	

FortiSOAR models

Model	Firmware Version
FortiSOAR VM: FortiSOAR-VM	7.2, 7.3, 7.4

FortiSwitch ATCA models

Model	Firmware Version
FortiController: FTCL-5103B, FTCL-5903C, FTCL-5913C	5.2
FortiSwitch-ATCA: FS-5003A, FS-5003B FortiController: FTCL-5103B	5.0
FortiSwitch-ATCA: FS-5003A, FS-5003B	4.3

FortiWeb models

Model	Firmware Version
FortiWeb: FortiWeb-100D, FortiWeb-100E, FortiWeb-400C, FortiWeb-400D, FortiWeb-400E, FortiWeb-600D, FortiWeb-600E, FortiWeb-1000D, FortiWeb-1000E, FortiWeb-2000E, FortiWeb-2000F, FortiWeb-3000C, FortiWeb-3000CFSX, FortiWeb-3000D, FortiWeb-3000DFSX, FortiWeb-3000E, FortiWeb-3000F, FortiWeb-3010E, FortiWeb-4000C, FortiWeb-4000D, FortiWeb-4000E, FortiWeb-4000F FortiWeb VM: FortiWeb-Azure, FortiWeb-Azure_OnDemand, FortiWeb-Docker, FortiWeb-GCP, FortiWeb-GCP_OnDemand, FortiWeb-HyperV, FortiWeb-VM, FortiWeb-XENOpenSource, FortiWeb-XENServer	6.4, 7.0, 7.2

Resolved Issues

The following issues have been fixed in FortiAnalyzer version 7.4.1. To inquire about a particular bug, please contact [Customer Service & Support](#).

Device Manager

Bug ID	Description
882093	Unexpected FortiNAC ADOM is added to FortiAnalyzer after the upgrade.

FortiView

Bug ID	Description
918623	Visiting the <i>Secure SD-WAN Monitor</i> section makes the page unresponsive and does not load.

Log View

Bug ID	Description
898489	The logs from FortiGate devices are not visible in FortiAnalyzer when selecting a 1-hour time range.
904135	<i>Time Stamp</i> column under <i>Log View</i> is blank.
913740	For the DLP under the <i>Log View</i> , the <i>Subject</i> column of SMTP log is blank in formatted mode.
924701	The action columns on the traffic log are no longer displayed in color.

Reports

Bug ID	Description
878067	Legend field on table chart cannot be edited/saved.

Bug ID	Description
896843	The "fgt-intf-stats-summary-rcvd/sent-bps" report does not include the interface from non-mgmt vdoms.
932310	Unable to import report to FortiAnalyzer.

System Settings

Bug ID	Description
832265	Enabling exclusions for log forwarding results in empty fields in the Exclusion List.
898441	Unable to set <i>Match Criteria</i> to "Not equal to/Not Contain" via GUI under the <i>Log Forwarding</i> setting.

Known Issues

The following issues have been identified in FortiAnalyzer version 7.4.1. To inquire about a particular bug or to report a bug, please contact [Fortinet Customer Service & Support](#).

Device Manager

Bug ID	Description
861979	FortiAnalyzer generates "Invalid user/password for Security Fabric device in Device manager" even though the password is correct.

FortiSOC

Bug ID	Description
783569	Automation Stitch Action "Ban IP" does not work on FortiGate because FortiAnalyzer did not send the srcip to FortiGate.

FortiView

Bug ID	Description
856972	<i>Threat Map</i> is not showing any data.

Others

Bug ID	Description
894586	SNMPv3 query does not work properly and it displays "Error: 5".
924123	FortiAnalyzer-1000F does not support FortiWeb-1000F.

Reports

Bug ID	Description
895106	<i>Top destination by bandwidth</i> dataset does not exclude long-live session.

System Settings

Bug ID	Description
766197	An admin user limited to a device group can view all device's log.
934625	Adding devices to 'Log-forward filter' creates duplicates of previously added devices.

Appendix A - Default and maximum number of ADOMs supported

This section identifies the supported number of ADOMs for FortiAnalyzer hardware models and virtual machines.

See also the [FortiAnalyzer Data Sheet](#).

Hardware models



For ADOM subscription licenses, FortiAnalyzer enforces the ADOM limits.

For hardware models that do not support the ADOM subscription license, ADOM limits are recommended, but not enforced.

FortiAnalyzer supports a default number of ADOMs based on hardware model.

Some hardware models support an ADOM subscription license. When you purchase an ADOM subscription license, you increase the number of supported ADOMs. For example, you can purchase an ADOM subscription license for the FAZ-3000G series, which allows you to use up to a maximum of 1200 ADOMs.

Other hardware models do not support the ADOM subscription license. For hardware models that do not support the ADOM subscription license, the default and maximum number of ADOMs is the same.

FortiAnalyzer Platform	Default number of ADOMs	ADOM license support?	Maximum number of ADOMs
Desktop models	1		1
150G Series	3		3
300F/300G and 400E Series	25		25
800F/800G and 1000F Series	50		50
2000E Series	250		250
3000F Series	500		500
3000G Series	500	✓	1200
3500F/3500G	500		500
3700F Series	1200		1200
3700G Series	1200	✓	10,000

Virtual Machines



For subscription licenses, FortiAnalyzer enforces the ADOM limits.
For perpetual licenses, ADOM limits are recommended, but not enforced.

FortiAnalyzer subscription license

Five (5) ADOMs are included with FortiAnalyzer VM subscription licenses. Additional ADOMs can be purchased with an ADOM subscription license.

FortiAnalyzer perpetual license

Recommended maximum number of ADOMs supported:

FortiAnalyzer Platform	Default number of ADOMs
1 GB/Day < License <= 5 GB/Day	10
5 GB/Day < License <= 25 GB/Day	25
25 GB/Day < License <= 100 GB/Day	50
100 GB/Day < License <= 500 GB/Day	250
500 GB/Day < License <= 1000 GB/Day	500
1000 GB/Day < License <= 5000 GB/Day	800
License > 5000 GB/Day	1200



FortiAnalyzer VM subscription and perpetual licenses are stackable.



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